



**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**AUTOMATIC PRECISION NON-CONTACT OPEN-LOOP FLUID DISPENSING**

the specification of which (check applicable box(es)):


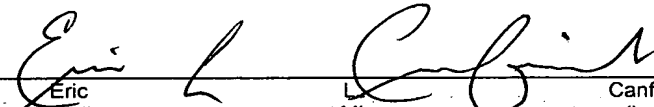
- ☐ is attached hereto  
☒ was filed November 4, 2003 Under Atty. Dkt. No. 4324-2  
on  
☐ was filed as PCT International application No. on

and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby ask that all correspondence in this matter be directed to:

**Customer Number: 23117**

1. Inventor's Signature:  Date: 11/25/03  
Inventor: Nicholas M. DiTrollo  
(first) (last) U.S.A.  
(citizenship)
2. Inventor's Signature:  Date: 25 Nov 2003  
Inventor: Eric L. Canfield  
(first) (last) U.S.A.  
(citizenship)

**[ ] See attached sheet(s) for additional inventor(s) information!!**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

DI TROLIO et al.

Atty. Ref.: 4324-2

Serial No.

Group:

Filed: November 4, 2003

Examiner:

For: AUTOMATIC PRECISION NON-CONTACT OPEN-  
LOOP FLUID DISPENSING

\* \* \* \* \*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY  
AND EXCLUSIVE PROSECUTION HEREAFTER BY  
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

Drummond Scientific Company, being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 23117** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

Drummond Scientific Company also authorizes Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

DI TROLIO et al.  
Serial No.

**Certificate Under 37 C.F.R. §3.73(b)**

Drummond Scientific Company, a corporation having a place of business at 500 Parkway, Broomall, Pa 19008 states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

The undersigned (whose title is typed below) is empowered to sign this statement on behalf of Drummond Scientific Company.

Drummond Scientific Company

11/14/03 By: Michael E Drummond  
Date Name:  
Title:

4324-2

**ASSIGNMENT FOR PATENT APPLICATION**  
**(All Rights)**

WHEREAS, Nicholas M. DiTrollo and Eric L. Canfield (hereinafter ASSIGNORS) of Havertown, PA and Chester Springs, PA, respectively, have invented a certain improvement in AUTOMATIC PRECISION NON-CONTACT OPEN-LOOP FLUID DISPENSING for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on November 4, 2003 under Serial No. 10/700,374;

WHEREAS, Drummond Scientific Company (hereinafter ASSIGNEE), a corporation of the State of Pennsylvania, having an office and place of business at 500 Parkway, Broomall, Pa 19008 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres; and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNORS hereby agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:  
25 Nov 2003

Witnessed by: \_\_\_\_\_  
Date

H. Charles Locke  
Name: H. CHARLES LOCKE

25 Nov 2003  
Date

Witnessed by: \_\_\_\_\_  
Date

H. Charles Locke  
Name:

Nicholas M. DiTrollo

Nicholas M. DiTrollo

25 Nov 2003

Date: Eric L. Canfield  
Eric L. Canfield

25 Nov 2003

Date:

\* We hereby authorize and request ASSIGNEE'S attorneys, Nixon & Vanderhye P.C., to insert here the serial number of said application when known.